

What is claimed is:

1. A quad type liquid crystal display device, comprising:
a liquid crystal panel having gate and data lines which define sub-pixel regions;
gate driving integrated circuits for driving the gate lines; and
a plurality of data drive integrated circuits arranged on one side of the liquid crystal panel, each of the data drive integrated circuit having "m" (m is natural number) number of channels,
wherein $(3n-1)$ th (n is natural number) channels for each data drive integrated circuit are floating.

2. The device of claim 1, wherein each of two by two sub pixels corresponds to red, a first green, a second green, and blue color filters, respectively.

3. The device of claim 1, wherein m is 384.

4. The device of claim 1, wherein the number of data integrated circuits is four.

5. A liquid crystal display panel;
a plurality of drive integrated circuits for driving the panel, each having "m" (natural number) number of channels and "n" ($n < m$, natural number) number of floating channels;

a plurality of films for connecting the drive integrated circuits, each film having $(m-n)$ number of lines.